

DYNAMIC TEMPERATURE-ADJUSTED POWER REDUNDANCY

ABSTRACT OF THE DISCLOSURE

5 One embodiment disclosed relates to a method of providing
dynamic temperature-adjusted power redundancy for a system. Tracking is
performed of the number of power supply units, n , that are presently in an up
state. The temperature in which the power supply units are operating is
measured, and a temperature-adjusted number of power supply units, N , which
10 are presently needed to supply power to the system, is dynamically determined.